ay	1901.	Mr.	Teb	but	t, I	Doi	tbb	e-s t	ar	M	eas	ure	s.				50
	pu	Weight 1 to 5.	33	B	8	4	m	m	κ	8	7	က	3	33	4	3	4
	$\it Years~1899~and$		h m 5 13 W	4 46 W	3 11 W	3 31 W	3 42 W	2 58 W	2 22 W	2 20 W	4 2 W	2 55 W	3 21 W	3 34 W	3 34 W	3 7 W	:
	Hour- angles	h m 4 45 W				3 18 W	2 18 W		I 40 W	3 39 W	:	2 37 W	2 53 W	2 53 W	2 39 W	3 13 W	
	es, in	Eyes.	23	æ	~	×	~	~	×	×	R	R	Ъ	ద	щ	ద	Д
	h Wal	Mag. power.	138	138	230	230	230	230	230	230	230	230	138	230	138	138	230
	New Sout	No. of Obs.	9-01	9-01	10-7	10-7	9-01	8-01	9 · 01	107	9-9	9-01	10-5	10-3	10-3	10-4	9-01
the 8-inch Equatorial at Windsor, New South Wales, in the 1900. By John Tebbutt.	Distance.	7.00	6.72	2.03	2.55	5.00	8.33	7.81	8.22	60.8	8.47	2.25	68.1	5.63	57.43	7.75	
	Position Angle.	81.1	243.5	94.4	92.4	9.86	223.0	222.3	223.7	87.3	87.7	2.617	212.2	1.612	270.8	326.9	
	ch Equat 1900. B	Time of Obs.	1 668 1	1.156	090.1	890.1	1.01	1.047	1.049	090.1	1.140	1.145	140.1	1.085	1.085	1.156	1.145
	re 8-in	ing ing	, , , , , , , , , , , , , , , , , , , ,	55 47	30 25	:	:	56 42	:	:	40 42		44 48	:	:	9 09	40 41
		Approx. Place of Star at Beginning of Year.	h m 0 48.6	1 4.2	1 31.5		*	1 36.0	•	2	2 54.5		3 8.9	,,		3 36.1	3 36.2
-star Measure	Observed Mags.	7, 8	4 ¹ / ₃ ,8	6,8	6,8	:	:	:	•	3,	45, 53	7, 9	•	$6\frac{1}{9}, 9$	$6\frac{1}{2},7$	$7\frac{1}{2}$, 8	
	Results of Double-star Measures with	Star.	λ Toucani	C Phænicis	P.I. 127		:	v Eridani	;		θ Eridani	:	h 2556		,	h 2586s	h_{3586_2}
	Res	Ref. No.	-	. 0		٠ 4	- w	9		~ ∝	, =	7 01	2 -		- 2	N Z	1 1

502				11	17.	10	000	utt,	Re	esu	lts	of					L	XI.
Weight r to 5.	4	n	4	4	c	i (C)	4	n	B	81	8	4	8	4	, LO	33	33	33
	h m 3 57 W	4 19 W	2 14 W	3 4 W	3 37 W	I 50 W	4 12 W	3 52 W	3 32 W	I 45 W	I 35 W	3 47 W	4 23 W	2 57 W	3 22 W	1 9 E	2 55 臣	1 46 E
Hour- angles.	h m 3 20 W	4 o W	I 44 W	2 37 W	3 14 W	1 23 W	3 43 W	3 22 W	2 59 W	I 30 W	M 9 I	3 19 W	3 51 W	2 22 W	2 57 W	1 58 E	3 24 E	2 21 E
80 A	러	Ч	R	А	æ	R	R	8	24	æ	ద	Д	д	24	щ	ద	ဓ႕	Ъ
Mag. power.	138	138	138	138	138	138	300	300	138	300	300	300	300	300	300	138	138	÷
No. of Obs.	901	9-01	7-5	9-01	10-5	10-5	9-01	9-01	8-01	10	01	8-01	7-5	7-01	9-01	10-5	10-5	7-4
Distance.	89. <u>/</u>	7.46	7.23	3.63	12.15	04.11	2.83	5.60	5.69	:	:	22.1	1.42	1.63	96.1	40.09	41.23	62.05
Position Angle.	327.3	9.402	208.2	2.4	24.8	28.0	112.0	1.12.1	115.5	42.5	41.8	38.8	38.8	36.8	39.2	6.612	9.612	151.4
Time of Obs.	1899+ 1.151	1.121	1.153	1.126	1.175	1.184	1.233	1.236	662.1	951.1	1.175	1.225	1.227	1.233	1.233	IOI.I	1.112	711.1
Approx. Place of Star at Beginning of Year. R.A. Dec. S.		37 56	"	5 63 30	7 53 38	,	31.3			48 27	"			. \$	*	47 2	:	*
Approof 9 of 8 at Beg of Y R.A.	h m 3 36·2	3 44.9	"	4 16.6	4 48.7		5 56.6	66	*	6 2.2	"	,,			•	8 6.5	•	:
Obser v ed Mags,	$7\frac{1}{2}$, 8	$6, 6\frac{1}{2}$	$7\frac{1}{2}$, 8	7,8	$6, 6\frac{1}{2}$	6, $6\frac{1}{2}$	8,8	:	8,8	:	7,7	7,7	:	:	:	$2, 3^{1}_{2}$	$2, 3^{\frac{1}{2}}$	2, 7
Star.	h 35862	17 .f Eridani	•	19 θ Reticuli	ι Pictoris	,,	h 3823	,		Lacaille 2145	66	**	**	"		γ Argûs A.B.	66	33 γ Argûs A .C.
Ref No.	, 91	, 71	18) 61	7 02	21	22 h	23	24	25 I	56	27	28	29	30	31 y	32	33 Y

May 190	oī.	D_0	oub	le-s	sta	r A	I.ea	sur	es,	18	99	an	d 1	90	ð.			503
Weight r to 5.	ĸ	4	4	4	က	4	4	ν	ıΩ	ν.	4	33	ιν	ıΩ	.4	ις	rΩ	8
	h m I 49 E	4 28 E	2 9压	1 43 E	1 32 E	2 2 E	3 8 E	2 49 E	I 30 E	3 17 E	2 14 E	2 56 压	o 41 E	o 45 E	2 29 E	1 51 E	2 15 E	I 39 E
Hour- angles.	h m 2 23 E	4 50 E	2 33 E	2 14 E	1 58 E	2 28 E	3 35 E	3 8 E	I 56 E	3 41 E	2 38 E	3 19 E	I 12 E	I 10 E	2 58 E	2 33 E	2 54 臣	2 7 E
Eyes.	Д	Н	83	Ъ	Ъ	Д	بم	Д	Ь	႕	Ы	Д	ĸ	23	д	R	Д	ಜ
Mag. power.	138	300	300	300	300	300	300	300	535	535	535	300	300	535	535	300	535	535
No. of Obs.	10-5	01-01	8-01	10-10	10-8	10-10	10–10	8-01	10-7	8-01	10-7	8-01	10-8	8-01	01-01	10-10	10-10	10
Distance.	62.08	4.60	5.16	09.1	09.1	1.84	1.84	1.12	1.57	15.1	1.48	26.5	60.9	2.62	00.9	1.42	1.08	:
Position Angle.	151.8	9.411	6.611	326.5	357.2	357.6	358.6	358.5	356.2	358.2	326.8	150.3	1.151	151.4	148.8	341.9	342.8	343.1
Time of Obs.	1899 ÷	1.400	1.414	0.335	0.334	662.1	1.301	1.301	1.304	1.310	1.329	1.400	1.414	1.416	1.422	1.301	1.304	1.326
Place fing r.	Dec. 5.	62 33		48 24	:	48 25	*	:		:		0 54		: :	: :	67 34		: :
Approx. Place of Star at Beginning of Year.	R.A. h m 8 6'5	12 21.0	96	12 36.0	;	0.98 21		£			: :	12 36.6	· :	: :	:	12 40.1	• ;	
Obser ve d Mags.	2 <u>1</u> ,8	:	:	:	:	4, 4	:	4,4	4	. 4	. 4	- ;	: :	: ;	: :	4.4	. 4 - 4	÷ 4
Star.	γ Argûs A.C.	a Crucis	•	γ Centauri	:	: :	: :	: :	:	:	:	,, Virginis		.	66	" 8 Winscap	2000 H	r r
Ref. No.	34					30	, Ç	41	, K	÷ ;	t 1	† ,	£ 4	\$;	4 ×	6 4	4 n	5.1

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Weight 1 to 5.	B	4	:	'n	ıΩ	B	33	7	B	B	n	33	4	ٔ 4 بـر	ις	. 63	æ	ıΩ
	h m 2 9 E	2 9 臣	0 5 E	2 28 E	3 57 E	I 16 E	3 36 E	4 34 E	2 54 E	3 0 压	2 27 E	2 57 E		4 57 E	3 39 E	2 14 E	3 25 E	2 26 E
Hour- angles.	h m 2 51 E	2 51 E	o 30 E	2 59 E	4 25 臣	1 51 E	4 23 E	5 6 E	3 21 E	3 29 E	2 56 压	3 32 E	, 0	5 30 E	4 8 E	2 45 E	3 51 E	2 54 E
Eyes,	4	Д	24	Н	Д	R	Ъ	R	Д	Д	Ъ	Ъ	R C	F J	Ъ	Ъ	Ы	R
Mag. power,	300	535	300	138	138	138	300	300	300	300	300	300	535	535	535	535	300	300
No. of Obs.	8-01	IO	01	9-01	01-01	10-5	10-10	10-10	9-01	8-01	01-01	01-01	IO	8-01	10–10	10-7	9-01	10-8
Distance.	" I.30	:	፥	14.35	14.31	1.98	21.74	66.12	21.90	22.14	12.22	21.87	:	90.22	62.12	06.12	22.44	1 17
Position Angle,	341.0	343.0	339.2	26.3	26.2	215.3	209.0	9.012	2.602	209.2	200.8	210.2	210.8	210.2	509.6	210.8	210.2	88.1
Time of Obs.	1.332	1.332	1.419	1.332	1.334	1.425	0,323	0.332	0.334	0.337	0.340	1.301	1.304	1.304	1.334	1.326	1.384	1.416
Place ir jing ir. Dec. S.	67 34	:	,,	55 29	"	41 59	60 25	6	•		"	60 25	"	ï	**	,,	**	46 40
Approx. Place of Star at Beginning of Year. B.A. Dec. S.	h m 12 40·1			13 51.5	£	14 14.5	14 32.7	£	ŗ		*	14 32.8	£.			\$.	•	14 58.3
Obse rve d Mags,	÷	:	$4\frac{1}{2}, 4\frac{1}{2}$	8, 9	:	8,8	•	•	:	:	:	:	:	:	:	:	:	5, 5
Star.	$oldsymbol{eta}$ Muscæ	•	. "	h 4634		Arg. G. Cat. 19385 8, 8	a Centauri	•	• • • • • • • • • • • • • • • • • • • •		*	2		•		•	•	π Lupi
Ref. No.	52	53	54	55	26	57	28	. . 59	ρ,	10	62	63	64	5,	90,	67	χ,	69

37, the north component probably the those lines were at right angles. The column headed "Hour-angles" gives the hour angles between which the measures were made, and that headed "Weight" the value of each result on a scale of I to 5, I denoting the worst possible, and 5 the best possible, conditions. 2, companion dull blue. 8, observations in twilight. II, 12, 13, measures difficult, owing to inequality of components; companion faint and 73, 74, 75, principal star orange and In the column headed "Eyes" P denotes that the line joining the observer's eyes was parallel to that joining the components, and R that components noted equal. 36, measures in twilight. 48, measures in sunlight and twilight. 55, 56, principal star white and companion blue. 35, measures in full south component evidently the brighter. companion pale blue. orighter. blaish.

The Peninsula, Windsor, N.S. Wales: 1901 March 25

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Errata.

Vol. LXI., page 342, $for + 43^{\circ} 33' 39'' 51$, $read + 43^{\circ} 33' 42'' 51$.

,, 344, Star 59, for 7.4506, read 7.4454.

, 347, Star 155, for 3.9712. read 3.9612.